JC06 Rec'd PCT/PTO 12 MAY 2005

PTO-1390 (Rev. 02-2005) Approved for use through 03/31/2007. OMB 0651-0021 U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES ASZD-P01-898 **DESIGNATED/ELECTED OFFICE (DO/EO/US)** U.S. APPLICATION NO. (If known, see 37 CFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY PCT/GB2003/004915 13 November 2003 19 November 2002 TITLE OF INVENTION QUINOLINE DERIVATIVES AS GLUCOKINASE LIGANDS APPLICANT(S) FOR DO/EO/US Hargreaves et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must 3. х include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). 4. х 5. х A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). b. х has been communicated by the International Bureau. C. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). is attached hereto. a. has been previously submitted under 35 U.S.C. 154(d)(4). b Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) х а are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. C. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). Items 11 to 20 below concern document(s) or information included: x An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 11. 12 An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. х A preliminary amendment. 14. An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 19 20. Other items or information: Copy of International Preliminary Examination Report from PCT/GB03/04915 х Copy of International Search Report from PCT/GB03/04915 Return Receipt Postcard

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.						ATTORNEY'S DOCKET NUMBER				
10/534651 PCT/GB2003/004915				↓	ASZD-P01					
The following fees have been submitted						L	CALCULATIONS	PTO USE ONLY		
21. x Basic national fee\$300					\$	300.00				
22. x Examination fee										
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)\$100										
All other situations \$200							\$	200.00		
23. x Sear	23. x Search fee									
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the										
USPTO as an International Searching Authority										
All other situations\$500						\$	500.00			
TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding						\$	1,000.00			
sequence	sequence listing or computer program listing filed in an electronic medium). The fee is									
	each a	idditional 50 sh		<u> </u>	r fraction thereof.	or fraction		┨		
Total Sheets	Ð	tra sheets			each additional 50 or fraction pund up to a whole number RATE					
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CLAIMS	Gairne	NUMBER I			MBER EXTRA	R	ATE	t		
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Independent cla	ims	3	- 3 =			х		\$	0.00	
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<u> </u>					TAL OF ABOVE			\$	1,360.00	
Applicant of	claims	small entity sta	itus. See	37 CF	R 1.27. Fees abo	ve are redu	iced by 1/2.	\$		
							STOTAL =	\$_	1,360.00	
	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).									
						\$	1,360.00			
For for moording the englaced assignment (27 CEP 1 21 (b)). The assignment must be										
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property										
					TOTAL	FEES ENC	LOSED =	\$	1,400.00	
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a. A chi	a. A check in the amount of \$ to cover the above fees is enclosed.									
b. X Please charge my Deposit Account No. 18-1945 in the amount of \$ 1,400.00 to cover the above fees.										
c. x The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any										
overpayment to Deposit Account No. 18-1945 .										
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.										
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.										
SEND ALL CORRESPONDENCE TO:										
1	Patricia Granahan, Sc.D. SIGNATURE:						 -			
ROPES & GRAY LLP David P. Halstead, Ph.D.										
One International Place NAME Boston, Massachusetts 02110-2624										
(617) 951-7449 44,735										
CUSTOMER NUMBER: 28120 REGISTRATION NUMBER										

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Application No.	(if known).	Not Yet	Assigned

Attorney Docket No.: ASZD-P01-898

Certificate of Express Mailing Under 37 CFR 1.10

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on	May 12, 2005 Date					
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Transmittal Letter to the United States Designated-Elected Office (2 pages)

Preliminary Amendment (10 pages)

Copy of PCT/GB2003/004915 including cover page (36 pages)

Copy of International Preliminary Examination Report from PCT/GB2003/004915 (3 pages)

Application Data Sheet (3 pages)
Oath or declaration of the inventor(s) (2 page)

IDS and PTO Form SB/08 (3 pages)

Copy of International Search Report from PCT/GB2003/004915 (5 pages)

Recordation Form Cover Sheet and Assignment (3 pages)

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